

MINI-ORDINATEUR IBM 5110

FICHE N° 103

PRÉSERVER
SAUVEGARDER
VALORISER

Période de fabrication : 1975-1999

Fabricant : International Business Machines Corp.

Domaines : Informatique et Communication

Sous-domaines : Ordinateurs

Organisme : ACONIT

Ville : Saclay (Essone)

Modèle : 5110

Matériaux : Métal, Plastique, Verre, Composants électroniques

Description

L'IBM 5110 est un mini-ordinateur compact et monobloc, avec clavier alphanumérique de type QWERTY, écran (5 pouces) intégré sur la partie gauche et un lecteur de cartouches magnétiques intégré sur la partie droite. Il possède un écran de taille réduite pouvant afficher 16 lignes de 64 caractères. Sa capacité de mémoire est de 200 ko. Cet ordinateur fonctionne avec deux langages de programmation : APL et BASIC.

Successeur de l'IBM 5100, présenté comme un "ordinateur personnel", l'ordinateur IBM 5110 appartient à la lignée des ordinateurs compacts proposés par le constructeur pour un usage professionnel. Cette machine était très coûteuse pour l'époque.

Utilisation

Gérard Langlet (1940-1996), l'utilisateur de cette machine, est un chercheur français au Commissariat à l'Énergie atomique et aux Énergies alternatives (CEA), spécialiste du langage APL et de ses applications scientifiques.

Il a eu la charge d'un Laboratoire d'Informatique Théorique (LIT) en relation avec la Physique et la Chimie Moléculaires. Docteur-ès-Sciences Physiques et, initialement, cristallographe théoricien, il a participé durant 7 ans à l'élaboration du volume consacré aux symétries dans les International Tables for Crystallography (1983, 1988, 1992)

Éminent spécialiste du langage APL (aussi appelé "APListe"), il est resté célèbre pour ses programmes particulièrement concis et puissants avec lesquels il réussissait à traiter des requêtes en langage naturel.









"Keeping our prices current was a problem until we got this small IBM computer."

Frequent changes in steel prices make updating our price list a vital part of our business," says Don Miller, president of Miller's Central Steel, a Birmingham, Connecticut specialty steel processor. "But the task was no time-consuming, we could update our list only once a week. Now we put current pricing information in our IBM 5110 computer and generate a new list in minutes.

The IBM 5110 gives me the information to make faster, more effective decisions," continues Mr. Miller. "It helps me stay on top of requirements and generate the necessary price that's crucial to maintaining my company."

The IBM 5110 Computing System is designed to meet the needs of a growing business, with a price that starts under \$50,000. It's so simple to operate, your own people can learn to use it in just a few short days.

The IBM 5110 can be tailored to fit your particular needs. It can be programmed to control inventory, handle payroll, and prepare your general ledger, as well as provide a wide variety of cost management reports. In addition, you can order the IBM 5110 with the convenience of storage, programming, language and printing speed that's right for your firm.

Would like to show you how, for a personal demonstration of the IBM 5110 or the small computer, call your nearby IBM General Systems Division office or write P.O. Box 2969, Atlanta, GA 30301.

A small computer can make a big difference. **IBM**



"Our small IBM computer got us away from paperwork and back to handling concrete."

Continental's Concrete operates in vertical concrete forming in the Kansas City area. With paper work problems that are increasing, internal staff couldn't handle them, so they turned to a small IBM computer.

"There isn't a big company that we need a lot of manpower," says owner John MacGillivray. "And a lot of manpower usually means days of extra paperwork. Our IBM 5110 figures insurance for 20 to 25 employees, handles payroll, prepares government forms—all in just a few hours. And our job costing went to a full time job. Now the 5110 gives us instant costing reports that have helped us increase our dollar volume."

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Base de la Mission nationale de sauvegarde et de valorisation du patrimoine scientifique et technique contemporain, PATSTEC, Mini-ordinateur IBM 5110 (International Business Machines Corp.),
<https://www.patstec.fr/ressources/objets/detail?id=26834>, consulté le 2026-07-27

